

**Friday before** – Go to local pics before server goes down. Prepare water splash/spill equipment in room 604. Take gap scaffolding planks down to collision hall tool box.

**Monday** – **Goal: Open North Calorimeter Gap**

Prepare for power outage 6:30 am

Power Outage 7:00-7:30: LCW/DCW Conductivity probe replacements (Simon, 10 min.). Fix leaky fittings in silicon purge air system (Barger, 10 min.) Recover all systems after power outage (Simon/Healey)

After supervised access radiation survey; Open north muon shielding, north EF, CF's, fold down P/A platforms. Install planking between CF and center beam on north side. Open north calorimeter, install gap lighting, install north gap bridge structure with scaffolding just above beam pipe.

Put up gap gates. Install floor and handrail section between north pre-amp platform and CC pre-amp platforms. Do gap access training class.

Put in plastic gutters on CC side of gap bridge if time allows.

SMT starts working in north gap Monday evening.

**Tuesday** – **Goal: Open South Calorimeter Gap**

Open south muon shielding, south EF. Install planking between CF and center beam on south side.

Open south calorimeter, install gap lighting, install south gap bridge structure with scaffolding just above beam pipe.

Put up gap gates. Install floor and handrail section between south pre-amp platform and CC pre-amp platforms.

Put in plastic gutters on CC side of gap bridge if time allows.

As time/manpower permits do other mechanical jobs\*

**Wednesday** – **Goal: Close North Gap, Open north B pixel plane**

If/when SMT is finished in north gap: Remove north gap gates, north gap scaffolding arms, plank and ladder, north gap bridge, north gap lighting. Close north calorimeter. Remove planking between CF and center beam on north side.

Close north EF. Extend north muon shielding bridge and nose piece (allows access to interior pixel plane attachment points).

Make and record measurements around north B pixel plane. Disconnect attachment points and open north B pixel plane.

As time/manpower permits do other mechanical jobs\*

MDT crew works Wednesday evening, no scaffolding required.

### **Thursday – Goal: Close South Calorimeter Gap**

If/when SMT crew is finished: Remove south gap gates, south gap scaffolding arms, plank and ladder, south gap bridge, south gap lighting. Close south calorimeter. Remove planking between CF and center beam on south side.

If/when MDT crew is finished: Close north B pixel plane. Re-attach connections. Measure (adjust if necessary) and record measurements around north B pixel plane. Close north muon clamshells.

As time/manpower permits do other mechanical jobs\*

### **Friday – Goal: Close Detector**

Prepare for power outage 6:30 am

Power Outage 7:00-7:30: Recover all systems after power outage.

Close pre-amplifier platforms, remove lights, tape cathedral floor.

Close East and West CF irons

Close south EF iron, south muon shielding irons.

Detector is closed. Properly remove or store items in collision hall.

### **Other work to be done**

\*Water cover for south west sump, improve south pit sidewalk crack water catcher, fix control valve on subcooler by LN2 dewar 42, change VLPC ion gage?, Inspect all valve actuators, warm VLPC lid gasket with installed heat tape, check/pump on collision hall cryo vacuum jackets. Repairs to chiller # 4 by HVAC vendor. Torque bus connections? (Martin). Torque Room 510 Solenoid connections (Walt Jaskierney)

### **Mechanical Ops Crew Available:**

1. Russ Rucinski, 2. Jim Fagan, 3. Pete Simon, 4. Bob Barger, 5. Bob Kubinski, 6. Rolando Flores, 7. Chuck McNeal.
8. Operations shifter (Pat Healey M-Th days, John Najdzion F day & M night, Bill Frank T-Th night).
- 9&10. John Cornelle/Mark Shoun M(2), T-Th (1), F(2). Except for CDF endplug moves